

Date: Thu, 7 Oct 93 14:51:30 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1189  
To: Info-Hams

Info-Hams Digest                      Thu, 7 Oct 93                      Volume 93 : Issue 1189

Today's Topics:

(none)  
forwarded msg re: MOTOROLA (3 msgs)  
    HAMFEST Oct 9-10  
    How do I re-crystal this radio?  
    Motorola ad in QST  
    Motorola ad in QST?  
    New HF Rig  
    Packet to internet gatewa  
    Please...MANAGER AHOU !!!!!  
    re-ZD9SXW QSL route  
    rote memorization  
    Selling License Info  
    Tech License Exam San Jos

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
-----

Date: 7 Oct 93 17:43:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: (none)  
To: info-hams@ucsd.edu

If a DJ-180 is anything like the DJ-580, it's a good starter rig.

I bought one about a year ago as MY starter rig, after being off the  
air for 30 years. I take it mountaintopping in Vermont, and  
I pack it in my briefcase on business trips. It's great!

The rubber duck antenna is not too great, but I carry a J-pole which helps a lot.

The public service coverage is as good as on my fixed scanner. Especially useful is the weather band at 162.xxx.

I also like to listen in on the Logan Tower when I'm sitting out there waiting for my flight...in dense fog...going nowhere....

AXM  
kd1ik

-----  
Date: 7 Oct 93 18:53:31 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: forwarded msg re: MOTOROLA  
To: info-hams@ucsd.edu

>Date sent: 7-OCT-1993 05:08:01  
>John asked that I repost this msg to the infohams. Please respond,if you wish  
>, to his packet address.  
>-----  
>>From : N1NRA @ KD2AJ  
>>Msgid : PN 2460@KD2AJ \$2460\_KD2AJ  
>>Subject : Posting for Internet <MOTOROLA>  
>>  
>> I find myself just a bit distressed by the amount of flack being thrown at  
>>the Motorola Corp in regard to the ad, page 161 of the Oct 93 issue of QST.  
.....the rest removed for sake of brevity

So is this to say that if the companies now selling radios modifiable for extended rx/tx decided that they would sell versions of their radios with the jumpers/diodes removed for a few more dollars/yen that those of us that took it upon ourselves to make that particular modification would be stealing from those companies?

Is it the fact that the company would like to squeeze as much revenue out of one design that makes it a "crime"?

Is patent/copyright issue? If so, I bought the device and now own its contents. I can delete or add "things" to my heart's content as long as I stay within emission regulations, etc. As stated by others previously I am not propagating technology Motorola sold me; I am only modifying it for my personal use.

Is it a ethics issue? Maybe. Would this revolve around whether or

not the company in question wanted to charge more for the function?  
Auto manufacturers sell cars equipped with stereo systems, albeit  
not generally meant for the audiophile. If you purchase a car without  
the stereo and install one yourself (or better yet build your own!!!),  
are you stealing from the auto maker?

Rossi, R.D.

-----  
Date: 7 Oct 93 18:58:35 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: forwarded msg re: MOTOROLA  
To: info-hams@ucsd.edu

>Date sent: 7-OCT-1993 05:08:01  
>John asked that I repost this msg to the infohams. Please respond, if you wish  
>, to his packet address.

>-----  
>>From : N1NRA @ KD2AJ  
>>Msgid : PN 2460@KD2AJ \$2460\_KD2AJ  
>>Subject : Posting for Internet <MOTOROLA>

>>  
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>out of one design that makes it a "crime"?

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>not the company in question wanted to charge more for the function?  
>Auto manufacturers sell cars equipped with stereo systems, albeit  
>not generally meant for the audiophile. If you purchase a car without  
>the stereo and install one yourself (or better yet build your own!!!),  
>are you stealing from the auto maker?

SORRY...I forgot to add my signature file!!  
(You need to know who to flame. I'm a first timer...take it easy)

Ron Rossi

```
/=====/  
/ IBM Microelectronics           Internet:  rrossi@vnet.ibm.com  /  
/ H/P ASIC SRAM Design          VNET:    RROSSI at BTVLABVM    /  
/ Dept N93 Bldg 861-2           Voice:    802/796-7477          /  
/ 1000 River Road              RF:      N1PBT                /  
/ Essex Junction, VT 05452-4299 /  
/                               /  
/ "I work for IBM, I don't represent its views!" /  
/                               /  
/=====/
```

-----  
Date: Thu, 7 Oct 93 16:08:10 GMT  
From: mnemosyne.cs.du.edu!nyx!jmaynard@uunet.uu.net  
Subject: forwarded msg re: MOTOROLA  
To: info-hams@ucsd.edu

In article <01H3TI2ZG3C29JNB18@splava.cc.plattsburgh.edu>

LEAVITDG@splava.cc.Plattsburgh.EDU writes:

>> Another aspect that I'm sure has eluded many is the liability that can be  
>>incured by this thoughtless action. I refere to that fact that most of the  
>>technology being addressed is that which makes Motorola's product a secure  
>>medium for public service communications.

(paramedic hat on)

The emergency medical service I serve with has a whole stack of Motorola 800 MHz trunked radios. If I had anything to say about it, we'd not have any at all, even though my city has a Smartnet II trunk system. The reason is simple: Motorola jacked us around on delivery of the first 20 radios. We ordered a stack of MTS2000s, and were promised delivery in July. We got the radios in December. For those six months, I had to hold together our fleet of HT220s and MT500s with chewing gum and baling wire, and we had a couple of instances where medics avoided getting themselves in trouble without communications only by sheer luck. They also screwed up our order when we finally got them, and are having to eat the cost of 36 high-capacity batteries (since they didn't provide what we ordered the first time).

We also have three MAXTRAC mobiles. Two of them work fine. One has worked only very intermittently for the past year. The local Motorola techs can't seem to pull their fingers out of their butts enough to figure out what the problem is. As a result, we're struggling along in that ambulance using portables for

communication.

We'd switch vendors, but Motorola has succeeded in squashing second sources - so we're stuck. (Yes, I know Standard makes a Motorola-compatible trunked radio, but we had one for a while and couldn't get it to work on our system.)

As far as I'm concerned, Motorola couldn't give a fuzzy rat's ass about public safety. Once they have your money, the hell with you.

(I don't have packet BBS access at the moment; could someone forward this to the original author?)

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can  
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.  
"I wonder if the engineering subsidiaries of IBM Legal Corporation and  
Microsoft Lawsuits, Inc. will leave us anything to play with?" -- Larry Shurr

-----  
Date: 7 Oct 93 16:24:56 GMT  
From: psinnntp!arrl.org@uunet.uu.net  
Subject: HAMFEST Oct 9-10  
To: info-hams@ucsd.edu

====-> ATTENTION ALL HAMS IN THE NORTHEASTERN US: <-====

This Saturday and Sunday, October 9-10, 1993

ARRL Connecticut State Convention and Nutmeg Hamfest

The Fairgrounds in Durham, Connecticut

(10 minutes from I-91: take I-91 to Exit 15/Rte 68, then 68 to Rte 17)

Open Saturday afternoon at 3 PM for camping (hookups)/tailgating;  
Midway gates open Sunday 9 AM-3 PM for hamfest, ham and computer  
dealers, flea market/swapfest, new and used equipment, special  
forums and conferences, demonstrations, license exam sessions  
(ARRL-VEC teams), refreshments, much more!

RAIN OR SHINE--INDOOR AND OUTDOOR DISPLAYS AND BOOTHS!

Talk-in: 147.36; 147.09 (CTCSS 110.9); 145.29 repeaters

Sponsored by the Middlesex Amateur Radio Society/Connecticut Amateur Radio  
Emergency Service (MARS/CARES), with the Meriden ARC and the Shoreline ARC.  
Proceeds will help support area charities, public service, scholarship and  
civic activities.

Contact: Jim McCandless, N1IZF, 203-349-3353  
John Bartscherer, N1GNV, 203-238-2453  
Tracey Trudel, N10YF, 203-345-4008

Special rates at Susse Chalet motel: 203-284-0001

GENERAL PUBLIC INVITED--ALL HAMS AND OTHER INTERESTED PEOPLE  
INVITED TO JOIN THE FUN!

CUL es 73 de BB

```

.....
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor     I Fax      203-665-7531          I  do it with high
ARRL HQ                 I Internet bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
.....

```

COMMENTS EXPRESSED HEREIN ARE MY OWN PERSONAL REMARKS AND ARE NOT TO BE  
CONSIDERED OFFICIAL ARRL VIEWS OR POLICY..

-----  
Date: 7 Oct 93 16:39:18 GMT  
From: ogicse!hp-cv!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!  
news1.boi.hp.com!riyadth@network.ucsd.edu  
Subject: How do I re-crystal this radio?  
To: info-hams@ucsd.edu

[ Newbie alert! ]

Hello,

Having just obtained my license, I'm trying to get on the air (while maintaining my reputation for being cheap :-). A friend has loaned me an old Kenwood TR-2200A 2m FM 'portable', and I would like to get some crystals to make it more useful in this area (Boise, ID) -- he hasn't used the radio much since he moved from Missouri.

I would like to know if such crystals are available, and from where. Is there a special type of crystal that should be used, or will the seller know from the radio model number? Also, when I install these crystals do I need to adjust the little trimmer next to the socket I put the crystal

in? How do I do this (what tools are needed, aside from a screwdriver)?  
I do not have the owners manual, or any other documentation.

Hopefully I'll get something a little more modern at the end of this month during our local annual swap meet :-). Meanwhile, I still have to make a first contact...

Thanks very much.

--

```
{ Riyadhth Al-Kazily      KB7YWE   DoD #295  '83 BMW R65  '77 Volvo 242DL  }
{ riyadth@boi.hp.com      | When am i going to have time to use all this      }
{ (208) 396-4987          | stuff I'm collecting? More important, how can      }
{ Boise, Idaho            | I get more stuff? Amiga 500+ (+ stuff, that is) }
{ }
```

-----  
Date: Thu, 7 Oct 1993 16:20:11 GMT  
From: mdisea!mothost!lmpsbbs!news@uunet.uu.net  
Subject: Motorola ad in QST  
To: info-hams@ucsd.edu

In article 23612@cs.brown.edu, md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:

{ In article <9310061417.AA02660@ucsd.edu>,

William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:

{

{ |> I want to see them lease CPU ICs. You can't buy a powerPC, you only leased it

{ |> - and you can only use software that we deem appropriate. sorta like saying

{ |> you can only run 486 native code on your 486. no apps that could run on a

{ |> 8086 or 80286 allowed.

{

{ Laugh, but about a year ago someone from "Intel" posted a "press release"  
{ announcing new Intel pricing structure, which basically gave you a certain  
{ number of CPU cycles when you bought the CPU. Then, after you had run out,  
{ you could "buy" more cycles from Intel.

{

{ Needless to say, the posting was a forgery, but it was a fantastic  
{ spoof, and you wouldn't believe the number of people who thought it was  
{ a legit posting.

{

{ If Motorola really wants to protect themselves from third-party  
{ firmware modifications, then what they should do is sell the radios with  
{ that stipulation indicated in the sales contract. Then, it becomes a  
{ civil matter between Motorola and the people who bought the radio, not  
{ the people who know that turning Bit #3 in Memory location 0x123 will  
{ enable full-band receive capabilities, etc.

{

}Yet another case of innovation through litigation, folks.

}

}MD

}--

}-- Michael P. Deignan

}-- Population Studies & Training Center

}-- Brown University, Box 1916, Providence, RI 02912

}-- (401) 863-2668

Every manual contains a page indicating the software is copyrighted, patented, or whatever. So, the buyer is warned. BTW - it is also imbedded in the code.

Bruce, WB4YUC, e1 YUCCO. . .

-----

Date: Thu, 7 Oct 1993 16:16:39 GMT

From: mdisea!mothost!lmpsbbs!news@uunet.uu.net

Subject: Motorola ad in QST?

To: info-hams@ucsd.edu

In article 18174@cs.brown.edu, md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:

}In article <1993oct6.115753.29654@lmpsbbs.comm.mot.com>, burke\_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

}

}|> The firmware is all copyrighted, tampering with it is a crime!

}

}This answer is about as good as saying "On Account Of Because..."

}

}Just because something is copyrighted, that does not mean that I am prohibited from modifying it. Nor does it prohibit me from showing someone else how to modify their copy.

}

}What it does do is prohibit me from taking your copy and selling my own copies of it.

}

}Just as a book can be purchased and the manuscript within it modified, so can a piece of computer firmware. Likewise, I can turn around and sell \*MY\* modifications to the book - "If you insert these words here, it makes the story better" - and so I can also do the same thing to computer firmware.

}

}

}It almost sounds to me like Motorola wants to redefine copyrights to suit their own purposes.



```
}
}
}MD
}--
}-- Michael P. Deignan
}-- Population Studies & Training Center
}-- Brown University, Box 1916, Providence, RI 02912
}-- (401) 863-2668
```

That should have been more correctly explained as "tamering with it to make a living/profit from it is a crime." Sorry, Bruce, WB4YUC, e1 YUCCO. . .

-----

Date: Thu, 7 Oct 1993 16:08:06 GMT  
From: mdisea!mothost!lmpsbbbs!news@uunet.uu.net  
Subject: New HF Rig  
To: info-hams@ucsd.edu

In article 91t@hpuerca.atl.hp.com, jab@hpuerca.atl.hp.com (Alan Barrow) writes:  
{In <9310021637.AA24145@ucsd.edu>  
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:  
{  
{>>junk just because they are here in America (heck, I drive a Volvo)...  
{>>but I would like us all to look carefully at the Ten Tec offerings.  
{>>Hard to do, now that our ham radio stores don't carry them.  
{  
{>this assumes that you are near a ham radio store. there aren't all that many  
{>storefronts around unless you're in a big city.  
{  
{>most are, but they bear a striking resemblance to telephones. what Ten-Tec is  
{>missing out on is coverage in the AES/HRO etc. catalogs where everything is  
{>roughly shown. you'd have to work to find the Ten-Tec stuff.  
{  
{I think Ten-Tec will go away soon. They have dropped dealers. OK, they  
{have some valid complaints.  
{  
Actually, their sales went up when the dropped the dealers.

Bruce, WB4YUC, e1 YUCCO. . .

```
}
}
} Alan Barrow km4ba | If a little knowledge.....
} jab@atl.hp.com | is a dangerous thing.....
} ..!gatech!kd4nc!km4ba!alan | then what is the Anti-Dote???
```

-----  
Date: Wed, 6 Oct 1993 15:48:08 GMT  
From: newsgate.watson.ibm.com!yktnews.watson.ibm.com!hawnews.watson.ibm.com!  
news@uunet.uu.net  
Subject: Packet to internet gatewa  
To: info-hams@ucsd.edu

In <749898409.F00006@leotech.mv.com>, mitchell@leotech.mv.com (Scott Mitchell)  
writes:

>Does anyone know of an Internet to packet gateway I could use?

Email only or real time? Do you want to access it from the radio or the  
internet? Where are you located? City/State etc. Are you near any large  
metropolitin areas? Need details details details.

73's de Jack - kf5mg  
AX25net - kf5mg@kf5mg.#dfw.tx.usa.na - (817) 962-4409  
Internet - kf5mg@kf5mg.ampr.org - 44.28.0.14  
Worknet - kf5mg@vnet.ibm.com

-----  
Date: Thu, 7 Oct 1993 14:29:49 GMT  
From: swrinde!cs.utexas.edu!math.ohio-state.edu!howland.reston.ans.net!  
spool.mu.edu!cass.ma02.bull.com!minerva1!gara@network.ucsd.edu  
Subject: Please...MANAGER AH0U !!!!!  
To: info-hams@ucsd.edu

Thanks for read this.  
I have contact Station AH0U in 11/09/93 on satellite OSCAR13.  
Who is your manager?  
Thanks

Ivano Garavaglia IW2DMN

-----  
Ivano Garavaglia | I.Garavaglia IW2DMN@IW2GKO.#mi.ita.eu | BULL HN  
I.Garavaglia@it12.bull.it | IW2DMN F020-K023-I026(when ready) | Italy  
039-2-67798234 | voice A013 A010 A021 |  
-----

-----  
Date: Thu, 7 Oct 1993 12:06:48 GMT  
From: sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!pipex!doc.ic.ac.uk!

syma!mpfb8@network.ucsd.edu  
Subject: re-ZD9SXW QSL route  
To: info-hams@ucsd.edu

ZD9SXW is Roger, G3SXW.

QSL to his home call - OK in recent call books.

73...Peter, G4BVH.

-----  
Date: Thu, 7 Oct 1993 14:49:03 GMT  
From: brunix!pstc3!md@uunet.uu.net  
Subject: rote memorization  
To: info-hams@ucsd.edu

In article <1993Oct7.013417.1925@mulvey.com>, rich@mulvey.com writes:

|> Yes, but learning 5WPM Morse is \*supposed\* to test rote  
|> memorization. The intent of the written exam is to test understanding  
|> of basic communications technology concepts. Unfortunately, the  
|> question pools are published, and since memorization is easier than  
|> making the effort to comprehend ( ask any college student ), people  
|> use that route.

Of course 5WPM code is rote memorization. Basically the method used to copy the code is 1) hear a character, 2) perform table lookup in your head, and 3) write down the alphabetic equivalent. While some people can use this method for 13WPM and higher, this method is the source of the "code block" which most people reach around 10WPM, as you can't think and write fast enough to perform that table lookup in your mind before the next character has already arrived.

Generally, children who are young do not have the proper education and understanding of mathematics and sciences to pass most amateur license theory tests. And, as someone said, they do not have the vocabulary. (Yes, there are always "exceptional" or "gifted" people who are the exception to this rule...)

Therefore, when you read a story in QST about a 5-year-old who passes his/her extra theory, chances are that the rote-memorization method was used, and the ham really has little or no understanding of what they actually "studied".

Unfortunately, many new hams in the amateur radio field who do not suffer from these impediments also decide to use the rote memorization

method. There is one guy locally, who is a general, that has to physically look at his license to give his callsign. You'll hear him on a 2mtr repeater going "this is Kay-Bee... Uhhh, hold on..... Wun-Aye-Zed-You, yeah, that's my call".

MD

--

-- Michael P. Deignan  
-- Population Studies & Training Center  
-- Brown University, Box 1916, Providence, RI 02912  
-- (401) 863-2668

-----

Date: 7 Oct 93 22:13:49 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Selling License Info  
To: info-hams@ucsd.edu

I have been watching this discussion with a bit of amusement. Vendors of radio related products have been buying license info from the FCC for years and using it for their mailings, this is not something that started with the VEC system. Many hams (and, in the old days when CB was licensed, CBers) first found out their new call signs by the mailing labels on advertisements for QSL cards, log books, etc.

While the ARRL may be collecting addresses for potential new member mailings, and may even be selling (or more likely renting) these lists to others, it is more likely the bulk of the mailers come from people using the FCC database. It's cheap (as mailing list costs go), they get to keep the data, and it's complete from one source.

Mailing lists developed from public information are BIG business. That's why I get mailers advising me my homeowners policy is about to expire from competitive insurers, or "notices regarding my mortgage from XYZ Homeloan, Inc." from those who feel their rates are lower, or my favorite: "our records show that. . . ". New home buyers get official looking letters offering to file for homestead on their behalf, new parents get official looking letters offering to process the required paperwork for Jrs. social security number for a "small service fee", the list goes on and on (as have I). Of course, I don't do business with anyone who buys public records and then uses them as implicit or explicit misrepresentation. :-)

My .02 on mailing lists.

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Internet: WAKIRSAN@ananov.remnet.ab.com  
Ham: KD6MCI

Alternate Internet: [william\\_a.\\_kirsanoff@ccmail.anatcp.rockwell.com](mailto:william_a._kirsanoff@ccmail.anatcp.rockwell.com)

Who are you? \* I am number 2. \* Who is number 1? \* You are number 6.

Date: Tue, 5 Oct 93 09:06:00 -0600  
From: tadpole.com!news.dell.com!swrinde!menudo.uh.edu!nuchat!cld9!  
mario.campos@uunet.uu.net  
Subject: Tech License Exam San Jos  
To: info-hams@ucsd.edu

Quoting DOUGLAS@CRUZIO.SANTA-CRU to ALL concerning Tech License Exam San Jos:

```
+-----+
| - DOUGLAS@CRUZIO.SANTA-CRU to ALL - |
|                                     |
| From: douglas@cruzio.santa-cruz.ca.us |
| Organization: Cruzio Santa Cruz, CA |
| Technician License Exam |
|                                     |
| I would appreciate having exam dates and locations in the Santa Cruz, CA |
| San Jose, CA area. |
|                                     |
+-----+
```

I don't know if you're a Tech with VHF privileges or a novice class ham. Can't tell any more with the multitude of various call signs. If you're Tech get on the Monterey 2 meter machine, 146.97 and call AA6EG the VE for the Navy School Radio Club. Exams are held periodically and one is coming up shortly. Also hams on the K6BJ repeater in the Santa Cruz area can give you the info about their area...Freq is 146.79!

73, Mario....N6ALS

Message written at 8:29am, on Tuesday, October 5, 1993.

```
* Apex v4 * N6ALS@K6LY.#NOCAL.CA.USA.NA - mario.campos@nitelog.com
* CIS 73132,2211 - mario.campos#nitelog.com - N6ALS@K6LY.#NOCAL.CA.USA.NA
```

End of Info-Hams Digest V93 #1189

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